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**Title: JP8249849A2: FLOATING MAGNETIC HEAD DEVICE**

**Derwent Title:** Levitating-type magnetic head for hard-disk drive - has suspension covered with insulated coating of 10-50 nanometer thickness, which supports magnetic head  
[\[Derwent Record\]](#)

**Country:** JP Japan

**Kind:** A

**Inventor:** SATO TERUYA;

**Assignee:** SONY CORP  
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**Published / Filed:** 1996-09-27 / 1995-03-15

**Application Number:** JP1995000056061

**IPC Code:** G11B 21/21;

**Priority Number:** 1995-03-15 JP1995000056061

**Abstract:** PURPOSE: To obtain a floating magnetic head device capable of lessening the damage of a magnetic head element even in the case of the receipt of the electric discharge from an external material to be electrified.

CONSTITUTION: The floating sliding surface 2 of the magnetic head slider of the magnetic head 3 and a hard disk come into contact with when starting and stopping. The floating sliding surface 2 is floated and run at a micro-sapcing on a hard disk surface by the stationary flow of the air generated on the surface of the hard disk rotating at a high speed. A suspension 1 supports the magnetic head 3 and is fixed to an actuator. A signal conductor part 7 transmits the signals to the magnetic head 3 and the signals from the magnetic head 3. This suspension 1 is coated with an insulating film having a thickness of 10 to 50nm and the signal conductor part 7 is coated with an insulating film having a thickness of 0.006 to 0.01mm.

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**Family:** None

**Other Abstract Info:** DERABS G96-490459 DERG96-490459



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